

1

$72 + 10 =$

◦ either use the knowledge that the place value (tens) will change by one ten or use a column if needed.

82



1 mark

2

$4 + 4 + 4 =$

recognise this is 3 lots of 4

$so\ 3 \times 4 = 12$

or add mentally $(4) + (4) = 8$
 $8 + (4) = 12$

12



1 mark

3

$$\boxed{80} = 46 + 34$$

• know that the equal sign means that both sides of the same so the question or answer can be placed on either side.

$$\begin{array}{r} 46 \\ + 34 \\ \hline 80 \\ \hline \end{array}$$

1 mark

4

$$3 \times 5 =$$

Times table fact

$$\boxed{15}$$

1 mark

5

$$£800 - \boxed{£100} = £700$$

o answer mentally

$$£800 - \boxed{?} = £700$$

The number has changed by one hundred - one hundred less.

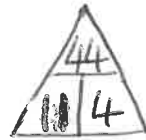
or what do we add to £700 to make £800
 $£700 + \boxed{100} = £800$



1 mark

6

$$44 \div 4 =$$



o known times table fact

$$\therefore 44 \div 4 = 11$$

or

$$\begin{array}{r} 11 \\ 4 \overline{)44} \end{array}$$

11



1 mark

7

$183 - 25 =$

$$\begin{array}{r} 7 \\ 183 \\ - 25 \\ \hline 158 \end{array}$$

158



1 mark

8

$604 + 97 =$

$$\begin{array}{r} 604 \\ + 97 \\ \hline 701 \\ 11 \end{array}$$

or could add 100 mentally
and adjust answer by 3

701



1 mark

9

$$\frac{1}{4} \text{ of } 28 =$$

need 4 x table



Taught:



divided into 4 equal parts

 $\frac{1}{4}$ or 1 part out of 4 is 7

$$28 \div 4 = 7$$

7



1 mark

10

$$\frac{3}{11} + \frac{4}{11} =$$

common denominators so we just add

$$\frac{7}{11}$$


1 mark

11

$$842 - 337 =$$

$$\begin{array}{r} 842 \\ - 337 \\ \hline 505 \end{array}$$

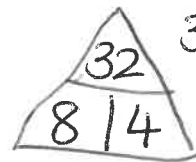
505



1 mark

12

$$32 \div \boxed{8} = 4$$



$$32 \div ? = 4$$

$$4 \times \square = 32.$$

need 4 times tables



1 mark

13

$$199 + 275 =$$

mentally - add 200 to 275

$$= 475$$

adjust by 1 as added 1 too many

$$= 474$$

or

$$\begin{array}{r} 199 \\ + 275 \\ \hline 474 \\ 11 \end{array}$$

474



1 mark

14

$$54 \times 4 =$$

$$5 \times 4 = 20$$

$$50 \times 4 = 200$$

$$\begin{array}{r} \times 50 \quad 4 \\ 4 \overline{) 200 \quad 16} \end{array}$$

$$\begin{array}{r} 200 \\ + 16 \\ \hline 216 \end{array}$$

216



1 mark

15

$$\frac{4}{5} + \boxed{\frac{1}{5}} = 1$$

↑

whole.

how many fifths need to make a whole?

$$\frac{4}{5} + \frac{1}{5} = \frac{5}{5} = 1$$



1 mark

16

$$450 - \boxed{40} = 310 + 100$$

$$450 - ? = 410$$

↑
410

Difference is 4 tens
= 40

or

$$\begin{array}{r} 310 \\ + 100 \\ \hline 410 \end{array}$$

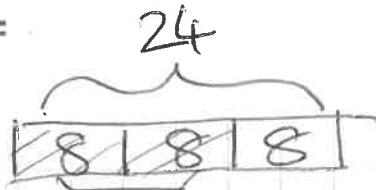
or

$$\begin{array}{r} 450 \\ - 410 \\ \hline 40 \end{array}$$



1 mark

17

 $\frac{2}{3}$ of 24 =

$$24 \div 3 = 8 \quad \frac{2}{3} = 2 \text{ lots of } 8$$

$$3 = 16$$

16



1 mark

18

482 ml + ml = 755 ml

$$482 + ? = 755$$

$$\begin{array}{r} 6 \\ 755 \\ - 482 \\ \hline 273 \end{array}$$

← inverse of addition.



1 mark

19

$$500 - 391 =$$

$$\begin{array}{r} 49 \\ 500 \\ - 391 \\ \hline 109 \end{array}$$

or

$$\begin{array}{c} \text{+9} \quad \text{+100} \\ \text{391} \quad \text{400} \quad \text{500} \end{array}$$

mentally.

109



1 mark

20

$$3 \times 35 = 150 - \boxed{45}$$

$$\begin{array}{r} \times \quad 30 \quad 5 \\ 3 \quad | \quad 90 \quad 15 \\ \hline 90 \\ + 15 \\ \hline 105 \end{array}$$

$$\begin{array}{r} 150 \\ - 105 \\ \hline 45 \end{array}$$



1 mark